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SEP 10 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

ARAVIND PADMANABHAN, ET AL.

Docket: H19-02237

Serial Number: 10/068,273

Group Art Unit: 1771

Filed: February 7, 2002

Examiner: Hai Vo

For: LIGHT EMITTING PHOTONIC CRYSTALS

RESPONSE TO OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In further response to the Office Action mailed June 10, 2004, please consider the following remarks:

REMARKS

Claims 1-12, 15 and 16 stand rejected over Zakhidov, et al (either WO 200221905 or U.S. 6,261,469) in view of Gole, et al (U.S. 6,589,883). It is respectfully submitted that the rejection is not well taken.

This invention pertains to a photonic crystal which has the following properties:

1. It is either light emitting or light transmitting;
2. The photonic crystal comprises a two or three dimensionally periodic microporous structural matrix of interconnecting, crystallographically oriented, monodispersed members having voids between adjacent members; and
3. The members additionally have random nanoporous surface porosity.

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TO: Commissioner for Patents
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DATE: September 10, 2004

KINDLY DIRECT THIS COMMUNICATION TO:

EXAMINER : Hai Vo
GROUP : 1771

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